

6/6

Citation 5

Japanese Utility Model Application Laid-open No. Hei 6-81547

Laid-open date: November 22, 1994

Application No. Hei 5-30167

Filing date: May 13, 1993

Applicant: PIOLAX, Inc.

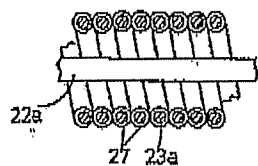
Title: Guide Wire For Medical Use

【Figure 2】

22a: core wire

23a: tangsten coil

27: coating film which comprises biocompatibility materials
having corrosion-resistance

**【0017】**

Coil 23 consists of, as describe in Figure 2, coating film 27 formed on the surface of tangsten coil 23a, which comprises biocompatibility materials having corrosion-resistance, such as gold, white gold, fluorine resin. The film thickness of coating film 27 gives a corrosion-resistance to tangsten coil 23 and can be worth to reinforce it, for example in case of gold or white gold, it is preferable to be around 0.1-10 μ m, and in case of fluorine resin, it is preferable to be around 10-50 μ m. If coating film 27 comprises gold or white gold, the methods, for example plating, ion plating, sputtering, vapor deposition and CVD can form coil 23, especially plating is preferable.